Kenneth R Mcleish

List of Publications by Year
in descending order

121 papers	6,022 citations	41 h-index (70961)	74 g-index (76769)
123 all docs	123 docs citations	123 times ranked	7147 citing authors

#	Article	IF	Citations
1	Differential Functional Responses of Neutrophil Subsets in Severe COVID-19 Patients. Frontiers in Immunology, 2022, 13, .	2.2	10
2	Neutrophils produce proinflammatory or anti-inflammatory extracellular vesicles depending on the environmental conditions. Journal of Leukocyte Biology, 2021, 109, 793-806.	1.5	37
3	Patients with Proliferative Lupus Nephritis Have Autoantibodies That React to Moesin and Demonstrate Increased Glomerular Moesin Expression. Journal of Clinical Medicine, 2021, 10, 793.	1.0	3
4	A specific low-density neutrophil population correlates with hypercoagulation and disease severity in hospitalized COVID-19 patients. JCI Insight, 2021, 6, .	2.3	79
5	The Inhibitory Receptor CLEC12A Regulates PI3K-Akt Signaling to Inhibit Neutrophil Activation and Cytokine Release. Frontiers in Immunology, 2021, 12, 650808.	2.2	16
6	Regulation of the Expression, Oligomerisation and Signaling of the Inhibitory Receptor CLEC12A by Cysteine Residues in the Stalk Region. International Journal of Molecular Sciences, 2021, 22, 10207.	1.8	4
7	Proteomic Analysis Identifies Distinct Glomerular Extracellular Matrix in Collapsing Focal Segmental Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2020, 31, 1883-1904.	3.0	37
8	Therapeutic targeting of neutrophil exocytosis. Journal of Leukocyte Biology, 2020, 107, 393-408.	1.5	17
9	Mature neutrophils suppress T cell immunity in ovarian cancer microenvironment. JCI Insight, 2019, 4, .	2.3	93
10	Biomarker enhanced risk prediction for development of AKI after cardiac surgery. BMC Nephrology, 2018, 19, 102.	0.8	14
11	Neutrophil exocytosis induces podocyte cytoskeletal reorganization and proteinuria in experimental glomerulonephritis. American Journal of Physiology - Renal Physiology, 2018, 315, F595-F606.	1.3	7
12	Hepatitis C mixed cryoglobulinemia with undetectable viral load: A case series. JAAD Case Reports, 2018, 4, 684-687.	0.4	5
13	Frontline Science: Tumor necrosis factor-Î± stimulation and priming of human neutrophil granule exocytosis. Journal of Leukocyte Biology, 2017, 102, 19-29.	1.5	28
14	Re-Examining Neutrophil Participation in GN. Journal of the American Society of Nephrology: JASN, 2017, 28, 2275-2289.	3.0	11
15	Characterization of glomerular extracellular matrixÂby proteomic analysis of laser-captured microdissected glomeruli. Kidney International, 2017, 91, 501-511.	2.6	49
16	ABIN1 Determines Severity of Glomerulonephritis via Activation of Intrinsic Glomerular Inflammation. American Journal of Pathology, 2017, 187, 2799-2810.	1.9	12
17	Endocytosis is required for exocytosis and priming of respiratory burst activity in human neutrophils. Inflammation Research, 2017, 66, 891-899.	1.6	7
18	Multiple Phenotypic Changes Define Neutrophil Priming. Frontiers in Cellular and Infection Microbiology, 2017, 7, 217.	1.8	140

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19	STAT3 Signaling in B Cells Is Critical for Germinal Center Maintenance and Contributes to the Pathogenesis of Murine Models of Lupus. Journal of Immunology, 2016, 196, 4477-4486.	0.4	69
20	Autoantibodies targeting glomerular annexin A2 identify patients with proliferative lupus nephritis. Proteomics - Clinical Applications, 2015, 9, 1012-1020.	0.8	37
21	Changing the concepts of immuneâ€mediated glomerular diseases through proteomics. Proteomics - Clinical Applications, 2015, 9, 967-971.	0.8	5
22	Baclofen, a GABABR Agonist, Ameliorates Immune-Complex Mediated Acute Lung Injury by Modulating Pro-Inflammatory Mediators. PLoS ONE, 2015, 10, e0121637.	1.1	14
23	TAT-SNAP-23 treatment inhibits the priming of neutrophil functions contributing to shock and/or sepsis-induced extra-pulmonary acute lung injury. Innate Immunity, 2015, 21, 42-54.	1.1	34
24	Functionally and morphologically distinct populations of extracellular vesicles produced by human neutrophilic granulocytes. Journal of Leukocyte Biology, 2015, 98, 583-589.	1.5	45
25	The Pore-Forming Toxin Listeriolysin O Is Degraded by Neutrophil Metalloproteinase-8 and Fails To Mediate <i>Listeria monocytogenes</i> Intracellular Survival in Neutrophils. Journal of Immunology, 2014, 192, 234-244.	0.4	29
26	Mixed cryoglobulinemia and secondary membranoproliferative glomerulonephritis associated with ehrlichiosis. CEN Case Reports, 2014, 3, 178-182.	0.5	5
27	Characteristics and outcomes in communityâ€acquired versus hospitalâ€acquired acute kidney injury. Nephrology, 2013, 18, 183-187.	0.7	77
28	Exocytosis of Neutrophil Granule Subsets and Activation of Prolyl Isomerase 1 Are Required for Respiratory Burst Priming. Journal of Innate Immunity, 2013, 5, 277-289.	1.8	26
29	Technical note: proteomic approaches to fundamental questions about neutrophil biology. Journal of Leukocyte Biology, 2013, 94, 683-692.	1.5	18
30	ABIN1 Dysfunction as a Genetic Basis for Lupus Nephritis. Journal of the American Society of Nephrology: JASN, 2013, 24, 1743-1754.	3.0	70
31	Antibacterial effect of microvesicles released from human neutrophilic granulocytes. Blood, 2013, 121, 510-518.	0.6	185
32	Inhibition of Neutrophil Exocytosis Ameliorates Acute Lung Injury in Rats. Shock, 2013, 39, 286-292.	1.0	33
33	Writing a first grant proposal. Nature Immunology, 2012, 13, 105-108.	7.0	7
34	Olfactomedin 4 Inhibits Cathepsin C-Mediated Protease Activities, Thereby Modulating Neutrophil Killing of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> in Mice. Journal of Immunology, 2012, 189, 2460-2467.	0.4	78
35	Granule Exocytosis Contributes to Priming and Activation of the Human Neutrophil Respiratory Burst. Journal of Immunology, 2011, 187, 391-400.	0.4	83
36	Identification of Phosphoproteins Associated with Human Neutrophil Granules Following Chemotactic Peptide Stimulation. Molecular and Cellular Proteomics, 2011, 10, M110.001552.	2.5	16

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37	The fate of Npt2a: the role of the actin cytoskeleton and SNARE proteins. FASEB Journal, 2011, 25, 1041.17.	0.2	0
38	Application of proteomics to neutrophil biology. Journal of Proteomics, 2010, 73, 552-561.	1.2	32
39	Counterregulation of clathrin-mediated endocytosis by the actin and microtubular cytoskeleton in human neutrophils. American Journal of Physiology - Cell Physiology, 2009, 296, C857-C867.	2.1	26
40	Comparison of Proteins Expressed on Secretory Vesicle Membranes and Plasma Membranes of Human Neutrophils. Journal of Immunology, 2008, 180, 5575-5581.	0.4	88
41	Anti-proteinase 3 antibodies both stimulate and prime human neutrophils. Nephrology Dialysis Transplantation, 2008, 24, 1150-1157.	0.4	5
42	Heat Shock Protein 27 Regulates Neutrophil Chemotaxis and Exocytosis through Two Independent Mechanisms. Journal of Immunology, 2007, 178, 2421-2428.	0.4	43
43	Proteomic analysis defines altered cellular redox pathways and advanced glycation end-product metabolism in glomeruli of<i>db/db</i>diabetic mice. American Journal of Physiology - Renal Physiology, 2007, 293, F1157-F1165.	1.3	68
44	The actin cytoskeleton regulates exocytosis of all neutrophil granule subsets. American Journal of Physiology - Cell Physiology, 2007, 292, C1690-C1700.	2.1	102
45	Proteomics and Diabetic Nephropathy. Seminars in Nephrology, 2007, 27, 627-636.	0.6	27
46	A Proteomic Screen Identified Stress-Induced Chaperone Proteins as Targets of Akt Phosphorylation in Mesangial Cells. Journal of Proteome Research, 2006, 5, 1636-1646.	1.8	45
47	Proteomic Analysis of Human Neutrophils. , 2006, 332, 343-356.		12
48	p38 MAPK/HSP25 signaling mediates cadmium-induced contraction of mesangial cells and renal glomeruli. American Journal of Physiology - Renal Physiology, 2005, 288, F1133-F1143.	1.3	46
49	Myeloid-Related Protein-14 Is a p38 MAPK Substrate in Human Neutrophils. Journal of Immunology, 2005, 174, 7257-7267.	0.4	61
50	Î³-Amino Butyric Acid Type B Receptors Stimulate Neutrophil Chemotaxis during Ischemia-Reperfusion. Journal of Immunology, 2005, 174, 7242-7249.	0.4	58
51	Defining mitogen-activated protein kinase pathways with mass spectrometry-based approaches. Mass Spectrometry Reviews, 2005, 24, 847-864.	2.8	8
52	Proteomic Analysis of Human Neutrophil Granules. Molecular and Cellular Proteomics, 2005, 4, 1503-1521.	2.5	281
53	Parathyroid Hormone-mediated Regulation of Na+-K+-ATPase Requires ERK-dependent Translocation of Protein Kinase CÎ±. Journal of Biological Chemistry, 2005, 280, 8705-8713.	1.6	27
54	Proteomic Identification and Immunolocalization of Increased Renal Calbindin-D28k Expression in OVE26 Diabetic Mice. Review of Diabetic Studies, 2005, 2, 19-19.	0.5	26

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55	Alterations in the Renal Elastin-Elastase System in Type 1 Diabetic Nephropathy Identified by Proteomic Analysis. Journal of the American Society of Nephrology: JASN, 2004, 15, 650-662.	3.0	102
56	Methylglyoxal: a stimulus to neutrophil oxygen radical production in chronic renal failure?. Nephrology Dialysis Transplantation, 2004, 19, 1702-1707.	0.4	47
57	Effects of high-flux hemodialysis on oxidant stress. Kidney International, 2003, 63, 353-359.	2.6	55
58	Oxidant Stress in Hemodialysis Patients: What Are the Determining Factors?. Artificial Organs, 2003, 27, 230-236.	1.0	68
59	MAPK-activated protein kinase-2 participates in p38 MAPK-dependent and ERK-dependent functions in human neutrophils. Cellular Signalling, 2003, 15, 993-1001.	1.7	77
60	Heat Shock Protein 27 Controls Apoptosis by Regulating Akt Activation. Journal of Biological Chemistry, 2003, 278, 27828-27835.	1.6	320
61	Identification of the p16-Arc Subunit of the Arp 2/3 Complex as a Substrate of MAPK-activated Protein Kinase 2 by Proteomic Analysis. Journal of Biological Chemistry, 2003, 278, 36410-36417.	1.6	52
62	Akt Phosphorylates p47<i>phox</i>and Mediates Respiratory Burst Activity in Human Neutrophils. Journal of Immunology, 2003, 170, 5302-5308.	0.4	196
63	Proteomic Identification of 14-3-3Î¶ as a Mitogen-Activated Protein Kinase-Activated Protein Kinase 2 Substrate: Role in Dimer Formation and Ligand Binding. Molecular and Cellular Biology, 2003, 23, 5376-5387.	1.1	123
64	Urinary Proteomics and Biomarker Discovery for Glomerular Diseases. , 2003, 141, 292-307.		39
65	Proteomic Approach to Identification of Novel Kinase Substrates in Mesangial Cells. , 2003, 141, 231-244.		2
66	Proteomics and Diabetic Nephropathy. , 2003, 141, 142-154.		12
67	Identification of 14-3-3Î¶ as a Protein Kinase B/Akt Substrate. Journal of Biological Chemistry, 2002, 277, 21639-21642.	1.6	80
68	Mechanisms of hypothermic protection against ischemic liver injury in mice. American Journal of Physiology - Renal Physiology, 2002, 282, G608-G616.	1.6	45
69	Proteomic analysis of normal human urinary proteins isolated by acetone precipitation or ultracentrifugation. Kidney International, 2002, 62, 1461-1469.	2.6	324
70	The calcium-sensing receptor regulates calcium absorption in MDCK cells by inhibition of PMCA. American Journal of Physiology - Renal Physiology, 2001, 280, F815-F822.	1.3	53
71	Role of extracellular signal-regulated kinase and phosphatidylinositol-3 kinase in chemoattractant and LPS delay of constitutive neutrophil apoptosis. Cellular Signalling, 2001, 13, 335-343.	1.7	88
72	p38 Kinase-dependent MAPKAPK-2 Activation Functions as 3-Phosphoinositide-dependent Kinase-2 for Akt in Human Neutrophils. Journal of Biological Chemistry, 2001, 276, 3517-3523.	1.6	242

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73	Deficient homologous desensitization of formyl peptide receptors stably expressed in undifferentiated HL-60 cells. Biochemical Pharmacology, 2000, 60, 179-187.	2.0	7
74	Differential Mitogen-Activated Protein Kinase Stimulation by FcÎ³ Receptor IIa and FcÎ³ Receptor IIIb Determines the Activation Phenotype of Human Neutrophils. Journal of Immunology, 2000, 164, 6530-6537.	0.4	42
75	Granulocyte-Macrophage Colony-Stimulating Factor Delays Neutrophil Constitutive Apoptosis Through Phosphoinositide 3-Kinase and Extracellular Signal-Regulated Kinase Pathways. Journal of Immunology, 2000, 164, 4286-4291.	0.4	248
76	Priming of the Neutrophil Respiratory Burst Involves p38 Mitogen-activated Protein Kinase-dependent Exocytosis of Flavocytochrome b 558-containing Granules. Journal of Biological Chemistry, 2000, 275, 36713-36719.	1.6	139
77	The Calcium-Sensing Receptor Stimulates JNK in MDCK Cells. Biochemical and Biophysical Research Communications, 2000, 275, 538-541.	1.0	37
78	Transplantation, not dialysis, corrects azotemia-dependent priming of the neutrophil oxidative burst. American Journal of Kidney Diseases, 1999, 33, 483-491.	2.1	34
79	Effect of Î³ Subunit Carboxyl Methylation on the Interaction of G Protein Î± Subunits with Î²Î³ Subunits of Defined Composition. Cellular Signalling, 1998, 10, 131-136.	1.7	15
80	Activation of Mitogen-activated Protein Kinases by Formyl Peptide Receptors Is Regulated by the Cytoplasmic Tail. Journal of Biological Chemistry, 1998, 273, 20916-20923.	1.6	14
81	Bacterial phagocytosis activates extracellular signal-regulated kinase and p38 mitogen-activated protein kinase cascades in human neutrophils. Journal of Leukocyte Biology, 1998, 64, 835-844.	1.5	93
82	Activation of mitogen-activated protein kinase cascades during priming of human neutrophils by TNF-Î± and GM-CSF. Journal of Leukocyte Biology, 1998, 64, 537-545.	1.5	147
83	Soluble TNFÎ± Receptors Are Increased in Chronic Renal Insufficiency and Hemodialysis and Inhibit Neutrophil Priming by TNFÎ±. Artificial Organs, 1996, 20, 390-395.	1.0	11
84	Azotemia, TNFÎ±, and LPS prime the human neutrophil oxidative burst by distinct mechanisms. Kidney International, 1996, 50, 407-416.	2.6	32
85	Chemoattractant receptor-specific differences in G protein activation rates regulate effector enzyme and functional responses. Journal of Leukocyte Biology, 1995, 57, 679-686.	1.5	17
86	TNF-Î± stimulates increased plasma membrane guanine nucleotide binding protein activity in polymorphonuclear leukocytes. Journal of Leukocyte Biology, 1995, 57, 500-506.	1.5	22
87	Hemodialysis with Cellulose Membranes Primes the Neutrophil Oxidative Burst. Artificial Organs, 1995, 19, 801-807.	1.0	42
88	Influence of suspension on the oxidative burst by rat neutrophils. Journal of Applied Physiology, 1994, 76, 387-390.	1.2	14
89	Effect of prenylcysteine analogues on chemoattractant receptor-mediated G protein activation. Cellular Signalling, 1994, 6, 569-579.	1.7	1
90	Role of Carboxylmethylation in Chemoattractant Receptor-Stimulated G Protein Activation and Functional Responses. Biochemical and Biophysical Research Communications, 1994, 200, 1604-1614.	1.0	11

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91	Desensitization by protein kinase C activation differentially uncouples formyl peptide receptors from effector enzymes in HL-60 granulocytes. Cellular Signalling, 1993, 5, 735-745.	1.7	5
92	Rapid Degradation of NAD by Retinoic Acid-Differentiated HL-60 Granulocyte Membranes Prevents ADP Ribosylation. Biochemical and Biophysical Research Communications, 1993, 192, 870-878.	1.0	4
93	Role of Isoprenoid Metabolism in Chemotactic Peptide Receptor-Mediated G Protein Activation. Biochemical and Biophysical Research Communications, 1993, 197, 763-770.	1.0	4
94	Differential cholera-toxin- and pertussis-toxin-catalysed ADP-ribosylation of G-proteins coupled to formyl-peptide and leukotriene B4 receptors. Biochemical Journal, 1993, 289, 469-473.	1.7	16
95	Interferon-Î³ Induces Phosphorylation of Multiple Small-Molecular-Weight Proteins in U937 Cells. Journal of Interferon Research, 1992, 12, 289-296.	1.2	2
96	Interferon-Î³ Enhances Superoxide Production by HL-60 Cells Stimulated with Multiple Agonists. Journal of Interferon Research, 1991, 11, 69-74.	1.2	12
97	Modulation of transmembrane signalling in HL-60 granulocytes by tumour necrosis factor-Î±. Biochemical Journal, 1991, 279, 455-460.	1.7	15
98	Bacterial lipopolysaccharide enhances polymorphonuclear leukocyte function independent of changes in intracellular calcium. Inflammation, 1990, 14, 599-611.	1.7	22
99	Polymorphonuclear Leukocyte Function during Hemodialysis: Relationship to Complement Activation. Nephron, 1989, 52, 119-124.	0.9	37
100	Role of intracellular calcium in priming of human peripheral blood monocytes by bacterial lipopolysaccharide. Inflammation, 1989, 13, 681-692.	1.7	38
101	Evidence that activation of a common G-protein by receptors for leukotriene B4 and N-formylmethionyl-leucyl-phenylalanine in HL-60 cells occurs by different mechanisms. Biochemical Journal, 1989, 260, 427-434.	1.7	56
102	Body Fat and the Activity of the Autonomic Nervous System. New England Journal of Medicine, 1988, 318, 1077-1083.	13.9	373
103	USE OF OKT3 MONOCLONAL ANTIBODY IN THE TREATMENT OF ACUTE CARDIAC ALLOGRAFT REJECTION. Transplantation, 1988, 45, 727-729.	0.5	7
104	Alterations in Select Immunologic Parameters Following Total Artificial Heart Implantation. Artificial Organs, 1987, 11, 52-62.	1.0	16
105	Potential mechanisms of cytosolic calcium modulation in interferon-Î³ treated U937 cells. Biochemical and Biophysical Research Communications, 1987, 145, 1295-1301.	1.0	11
106	Regulation of oxygen radical release from murine peritoneal macrophages by pharmacologic doses of PGE2. Free Radical Biology and Medicine, 1987, 3, 15-20.	1.3	17
107	Mechanism of prostaglandin E2 inhibition of acute changes in vascular permeability. Inflammation, 1987, 11, 279-288.	1.7	11
108	Biochemical basis of HLA-DR and CR3 modulation on human peripheral blood monocytes by lipopolysaccharide. Cellular Immunology, 1987, 108, 242-248.	1.4	13

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109	Mechanism by which methylprednisolone inhibits acute immune complex-induced changes in vascular permeability. Inflammation, 1986, 10, 321-332.	1.7	12
110	Case Report: Non-Hodgkinâ€™s Lymphoma and Membranous Nephropathy in Mixed Connective Tissue Disease. American Journal of the Medical Sciences, 1985, 290, 152-154.	0.4	5
111	Case Report: Mesangial Proliferative Glomerulonephritis Associated with Multiple Myeloma. American Journal of the Medical Sciences, 1985, 290, 114-117.	0.4	8
112	Alterations in serum antibody and peripheral T-lymphocyte subsets resulting from treatment of murine immune complex glomerulonephritis with PGE2. Clinical Immunology and Immunopathology, 1985, 34, 100-108.	2.1	3
113	ALTERATIONS IN T LYMPHOCYTE SUBPOPULATIONS ASSOCIATED WITH RENAL ALLOGRAFT REJECTION. Transplantation, 1984, 37, 261-264.	0.5	19
114	Paroxysmal Cold Hemoglobinuria in a Patient with <i>Klebsiella pneumonia</i>. Vox Sanguinis, 1983, 44, 167-172.	0.7	14
115	Treatment of murine immune complex glomerulonephritis with prostaglandin E2: Dose-response of immune complex deposition, antibody synthesis, and glomerular damage. Clinical Immunology and Immunopathology, 1983, 26, 18-23.	2.1	25
116	Suppression of Murine T-Cell Mitogenesis by Metabolic Products of Arachidonic Acid. Immunopharmacology and Immunotoxicology, 1982, 4, 53-64.	0.8	4
117	Chronic Serum Sickness in the Mouse. Nephron, 1982, 31, 82-88.	0.9	11
118	Alteration in immune complex glomerulonephritis by arachidonic acid. Prostaglandins, 1982, 23, 383-389.	1.2	9
119	MASSIVE POST-TRANSPLANT PROTEINURIA WITH MINIMAL HISTOLOGICAL CHANGES. Transplantation, 1980, 29, 392-396.	0.5	11
120	Acute interstitial nephritis in a patient with aspirin hypersensitivity. Clinical Immunology and Immunopathology, 1979, 14, 64-69.	2.1	15
121	The Transmission of Candida Albicans by Cadaveric Allografts. Journal of Urology, 1977, 118, 513-515.	0.2	21